

CLAIMS

1. A door comprising two jambs (2), a transverse box (3) joining the top ends of the two jambs, and a
5 curtain (10) moveable between a closed position in which it closes the opening formed by the jambs (2) and box (3) and an open position in which it is folded up under the box (3), the said door being characterized in that it comprises a curtain (10) consisting of two
10 parallel screens (11a, 11b) that define an air cushion and that are suspended from the top region of the jambs, the curtain (10) comprising:

- at least one lifting strap (20) connecting the bottom part of the curtain (10) to a shaft (21) mounted
15 in or in the region of the box (3),

- and at least one transverse stiffening means fitted to each of the screens (11a, 11b), the side edges of each screen (11a, 11b) lying against the jambs to form an airtight lateral surface contact.

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2. The door as claimed in claim 1, characterized in that there is formed in each screen (11a, 11b) a sheath (15) in which a stiffening means is engaged.

25 3. The door as claimed in claim 2, characterized in that the sheaths (15) of each of the screens (11a, 11b) are opposite each other.

4. The door as claimed in claim 3, characterized in
30 that at least one pair of two stiffening bars (16), engaged in two mutually opposite sheaths (15), are connected by at least one spacer (18).

5. The door as claimed in claim 4, characterized in
35 that the spacer (18) has an opening (21) for the lifting strap (20) to pass through.

6. The door as claimed in claim 4 or claim 5,

characterized in that at least two pairs of stiffening bars (16) with spacers alternate with at least one pair of stiffening bars (16) without spacers, in such a way that, when the curtain is in the raised position, alternate folds form symmetrically about the plane in which the door opens.

7. The door as claimed in one of claims 1-6, characterized in that the bottom part of the curtain formed by the connecting fold between the two screens (11a, 11b) contains a flexible component consisting of a flexible sleeve enclosing a flexible material.

8. The door as claimed in claim 7, characterized in that the flexible component consists of a flexible bar (22) comprising a spring in a foam sleeve.

9. The door as claimed in one of claims 4-8, characterized in that the ends of each stiffening bar (16) are fitted with guide components for guiding them relative to each of the jambs.

10. The door as claimed in one of claims 4-9, characterized in that the stiffening bars (16) have the flexibility to absorb an abnormal exiting impact, to come free or to come away from the tracks without suffering permanent deformation.

11. The door as claimed in one of claims 8-10, characterized in that the flexible bar (22) held in the connecting fold of the two screens, the lower pair of bars (16) with spacers and the succeeding pair of bars (16) without spacers are at distances such that, when the curtain is in the raised position, the flexible bar (22) projects beyond the folds formed by each folded screen.

12. The door as claimed in one of claims 1-11, characterized in that each screen (11a, 11b) is a

multilayer complex.

13. The door as claimed in one of claims 1-12, characterized in that each screen (11a, 11b) has, at
5 the same height, at least one transverse panel (12) made of a transparent material.

14. The door as claimed in one of claims 1-5 or 7-12, characterized in that, between two pairs of bars with
10 spacers, each screen (11a, 11b) is provided with at least one shape-memory folding means capable of forming an outward fold in the curtain when the curtain is in the folded position.

15. The door as claimed in one of claims 1-14, characterized in that the curtain (10) is made from a single component of flexible material and then folded on itself to form two screens.

20 16. The door as claimed in one of claims 2-14, characterized in that each screen (11a, 11b) comprises at least two transverse panels of flexible material connected by a sheath.

25 17. The door as claimed in one of claims 9-16, characterized in that the ends of each stiffening bar (16) of a pair of bars without spacers are fitted with a guide endpiece (28) which has a flat part (31) oriented in the plane of the screen in which the bar is
30 located.

18. The door as claimed in one of claims 9-17, characterized in that a spacer (33) connects the ends of a pair of bars (16) and carries a roller (32)
35 engageable between two tracks (24) and (25) which are formed in each of the vertical jambs (2).

19. The door as claimed in claim 18, characterized in that filler endpieces (34) are engaged on the end of

each of the bars (16).

20. The door as claimed in claim 1 or claim 2,
characterized in that a cable is engaged in at least
5 one sheath (15) whose ends are guided relative to the
vertical jambs.